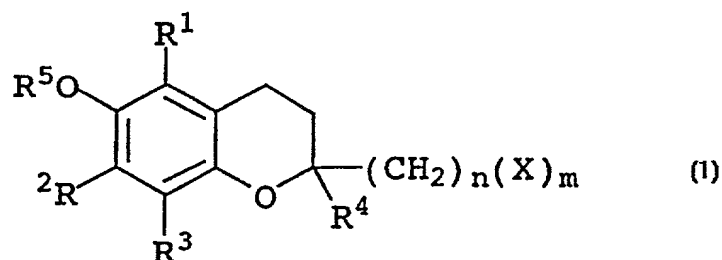




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(54) Title: PREVENTIVE AND THERAPEUTIC AGENTS FOR ARTERIOSCLEROSIS

(54) 発明の名称 動脈硬化症予防および治療剤



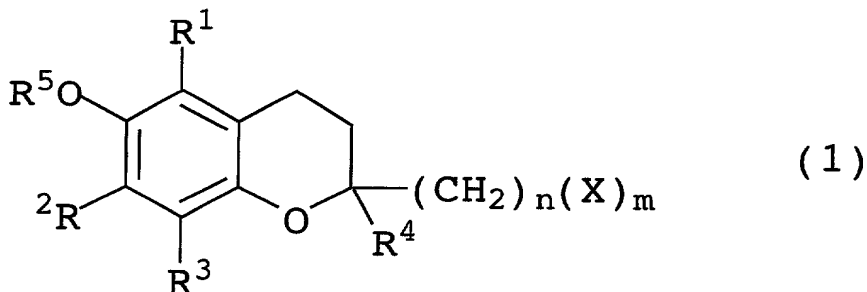
(57) Abstract

Preventive and therapeutic agents for arteriosclerosis, containing as the active ingredient chromanol glycosides represented by formula (1) (wherein R^1 , R^2 , R^3 and R^4 are each independently hydrogen or lower alkyl; R^5 is hydrogen, lower alkyl or lower acyl; X is a mono- or oligosaccharide residue whose hydroxyl hydrogen atoms may be replaced by lower alkyl or lower acyl; n is an integer of 0 to 6; and m is an integer of 1 to 6). These agents are safe and act effectively on an affected part even when applied in a small dose, thus being efficacious in preventing or treating arteriosclerosis.

ABSTRACT

This invention concerns an agent for preventing and curing arteriosclerosis, which has as an active component thereof a chromanol glucoside represented by the following

5 general formula (1)



(wherein R¹, R², R³, and R⁴ are the same or different and are each a hydrogen atom or a lower alkyl group, R⁵ is a hydrogen atom, a lower alkyl group, or a lower acyl group, X is a monosaccharide residue or an oligosaccharide residue optionally having a lower alkyl group or a lower acyl group substitute for the hydrogen atom of the hydroxyl group in the saccharide residue, n is an integer in the range of 0 - 6, and m is an integer in the range of 1 - 6). This agent is capable of effectively acting on the affected part safely at a small application rate and preventing and curing arteriosclerosis.